

ITDG-Peru Energy Programme Goal:

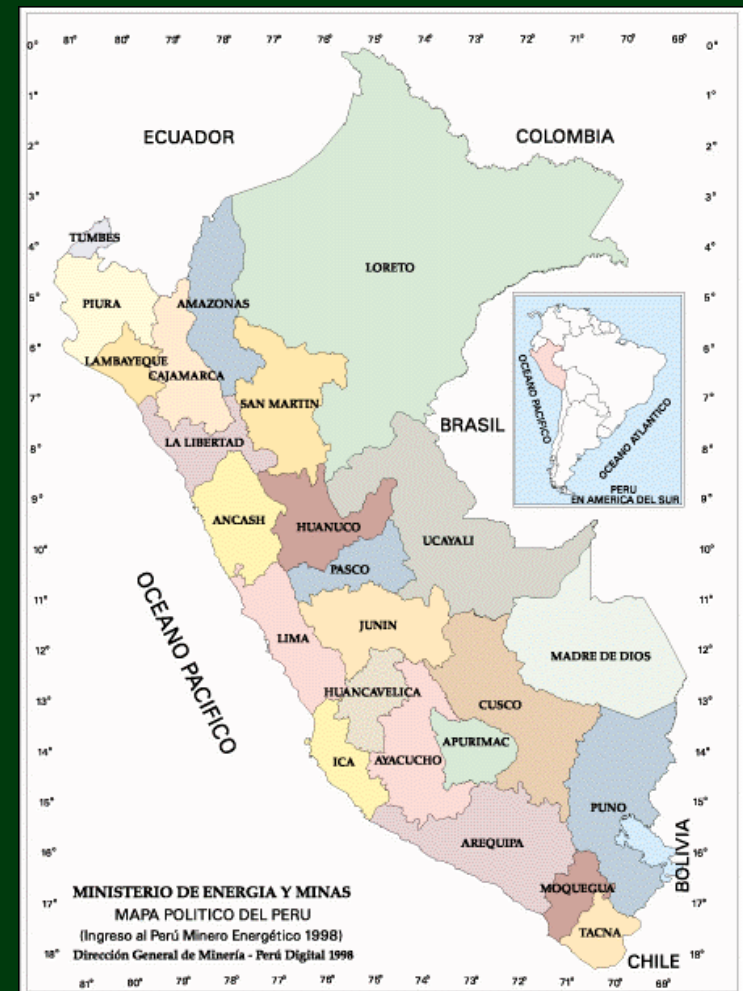


To increase the access by poor people to modern energy in a sustainable manner, using clean energy technologies.

Dissemination of Small Hydro Schemes in Peru

“Credits for the Installation of Small Hydro Power Plants”

- Agreement IDB/ITDG, started in 1994
- Initial capital: US\$ 400,000
- Loans: US\$ 10,000 to US\$ 50,000
- Interest rate: 8.5%
- Recovery period: 1 to 4 years
- Technical assistance

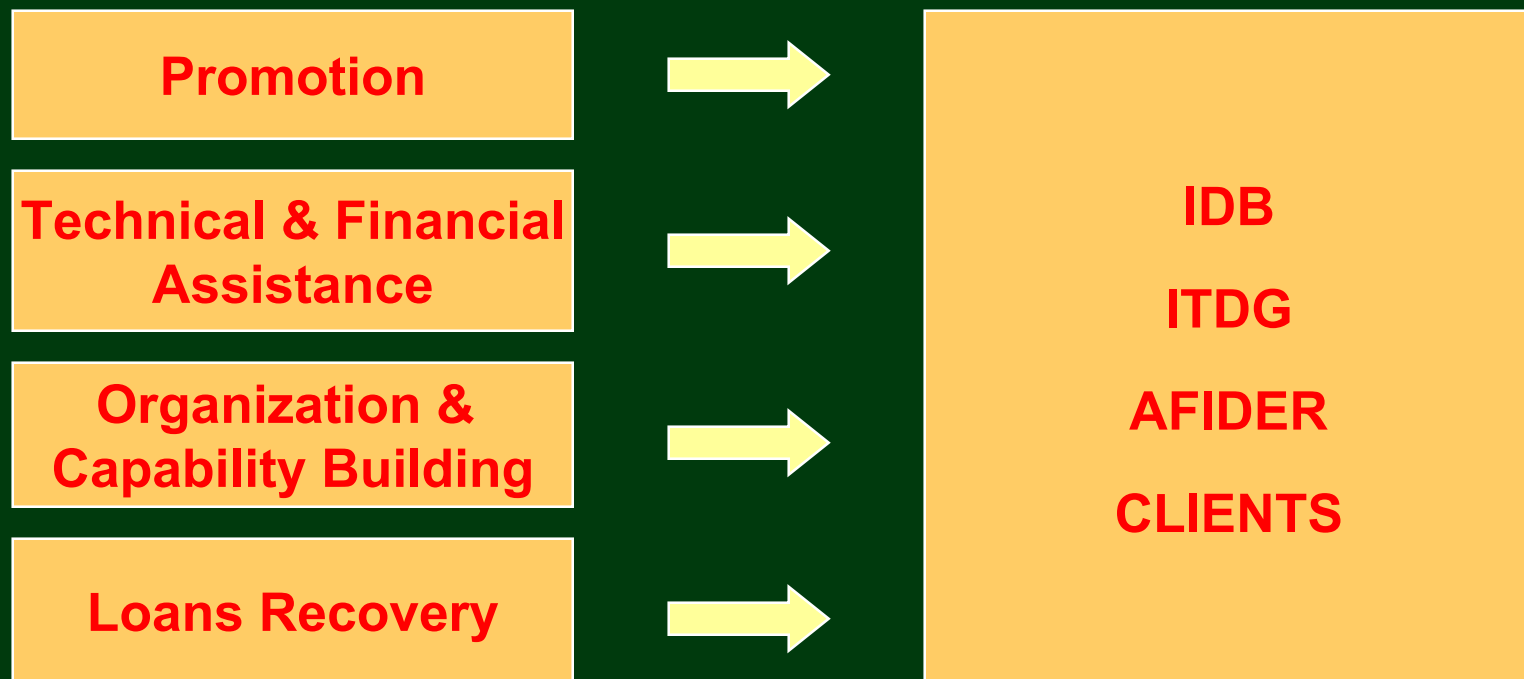


Beneficiaries “Clients”

- Local Governments
- Rural Entrepreneurs
- Communities
- Co-operatives



Activities and Institutions



Outputs

- 21 MHPPs installed (more than 1.2 MW)
- US\$ 700 000 (loans) allocated
- Nearly to US\$ 2.5 million leverage
- 15 000 rural people benefited with electricity
- New agreement with IDB, increase Capital & Tech. assistance funds



Comparing with Conventional Implementation Models

Important Factors	Conventional Projects	IDB/ITDG Revolving Fund
Subsidies	100%	70% to 75% (Local Gov.) 0% (Privates)
Tech. Aspects	<ul style="list-style-type: none"> • High standards • Imported equipment • Limited community participation 	<ul style="list-style-type: none"> • Appropriate standards • Low cost technology • Local manufacturing • Community participation
Promotion	No promotion (Plans are drawn up)	A lot of promotion work
Costs	<ul style="list-style-type: none"> • High investement costs • No transaction costs 	<ul style="list-style-type: none"> • Low investement costs • Transaction costs

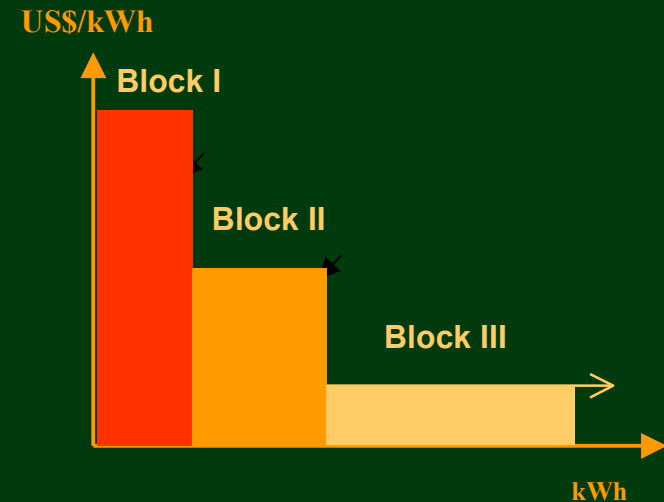
Organisation for sustainable management

Management



Micro Enterprise

Tariff Scheme



**Training
(CEDECAP)**



- **Management team**
- **Institutions**
- **Leaders and authorities**
- **Villagers**

